

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/001370

A. CLASSIFICATION OF SUBJECT MATTER

C07C69/013, A61K31/35

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07C,A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI,EPODOC,PAJ,CNKI,CA,CPRS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US4346227A, 24.August.1982, see the whole document	1-10
A	US444784A, 24.April.1984, see the whole document	1-10
A	CN1232030A, 20.October.1999, see the whole document	1-10

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

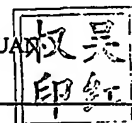
"&" document member of the same patent family

Date of the actual completion of the international search
29 January 2005

Date of mailing of the international search report
24 · MAR 2005 (24 · 03 · 2005)

Name and mailing address of the ISA/
6 Xitucheng Rd., Jimen Bridge, Haidian District,
100088 Beijing, China
Facsimile No. (86-10)62019451

Authorized officer
WU HONGQUAN
Telephone No. 86-10-62085611



国际检索报告
关于同族专利的信息

国际申请号
PCT/CN2004/001370

检索报告中引用的 专利文件	公布日期	同族专利	公布日期
US4346227A	1982-08-24	GB2077264A	19811216
		BE889150A	19811209
		DE3122499A	19811224
		FR2483912A	19811211
		SE8103560A	19820104
		NL8102737A	19820104
		DK8102470A	19820111
		JP57002240A	19820107
		FI8101762A	19820129
		JP57050894A	19820325
		JP57108039A	19820705
		JP57067575A	19820424
		US4346227A	19820824
		CA1150170A	19830719
		AT8102567A	19830915
		US4410629A	19831018
		GB2077264B	19840426
		US4448979A	19840515
		CH655090A	19860327
		JP61013699B	19860415
		DE3122499C	19871126
		JP62054476B	19871116
		SE453389B	19880201
		JP63021672B	19880509
		IT1144598	19861029
		JP63048858B	19880930
		NL191738C	19960102
US4444784A	19840424	没有	
CN1232030A	19991020	IL138119 A	20040512
		EP0940395 A1	19990908
		WO9945003 A1	19990910
		NO9901045 A	19990906
		AU2861299 A	19990920
		US6100407 A	20000808
		NO200004357 A	20001106
		EP1064275 A1	20010103
		CZ200003194 A3	20010411

国际检索报告

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A. 主题的分类

C07C69/013, A61K31/35

按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

B. 检索领域

检索的最低限度文献(标明分类系统和分类号)

C07C,A61K

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词(如使用))

WPI,EPODOC,PAJ,CNKI,CA,CPRS

C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
A	US4346227A, 24.8 月 1982, 参见全文	1-10
A	US444784A, 24.4 月 1984, 参见全文	1-10
A	CN1232030A, 20.10 月 1999, 参见全文	1-10

☐ 其余文件在 C 栏的续页中列出。

☒ 见同族专利附件。

* 引用文件的具体类型:

“A” 认为不特别相关的表示了现有技术一般状态的文件

“E” 在国际申请日的当天或之后公布的在先申请或专利

“L” 可能对优先权要求构成怀疑的文件, 为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布, 与申请不相抵触, 但为了理解发明之理论或原理的在后文件

“X” 特别相关的文件, 单独考虑该文件, 认定要求保护的发明不是新颖的或不具有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 要求保护的发明不具有创造性

“&” 同族专利的文件

国际检索实际完成的日期

29.1 月 2005

国际检索报告邮寄日期

24.3 月 2005 (24.03.2005)

中华人民共和国国家知识产权局(ISA/CN)

中国北京市海淀区蓟门桥西土城路 6 号 100088

传真号: (86-10)62019451

授权官员

吴红权

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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US4346227A	19820824	GB2077264A	19811216
		BE889150A	19811209
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		FR2483912A	19811211
		SE8103560A	19820104
		NL8102737A	19820104
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		FI8101762A	19820129
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		JP57067575A	19820424
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		JP63021672B	19880509
		IT1144598	19861029
		JP63048858B	19880930
		NL191738C	19960102
		None	
US4444784A	19840424	IL138119 A	20040512
CN1232030A	19991020	EP0940395 A1	19990908
		WO9945003 A1	19990910
		NO9901045 A	19990906
		AU2861299 A	19990920
		US6100407 A	20000808
		NO200004357 A	20001106
		EP1064275 A1	20010103
		CZ200003194 A3	20010411